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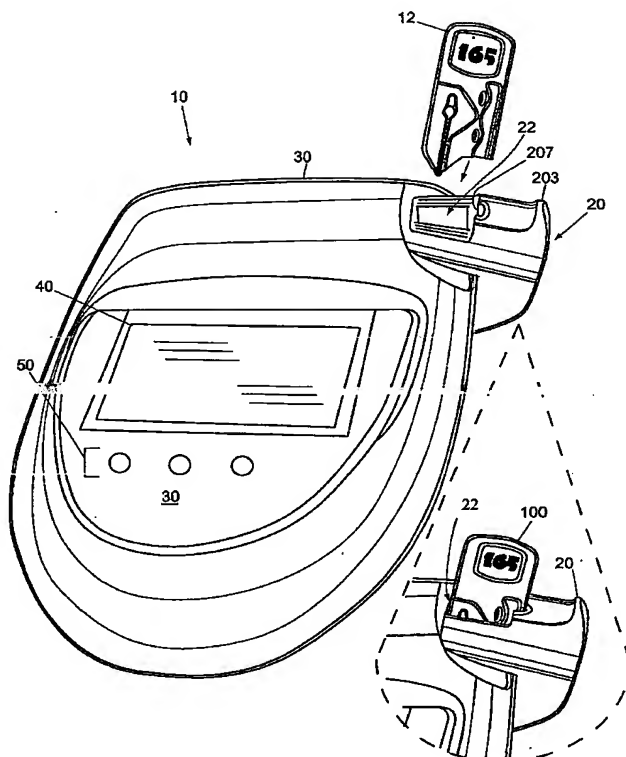
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(54) Title: METHOD AND APPARATUS FOR ULTRASONIC DETERMINATION OF HEMATOCRIT AND HEMOGLOBIN CONCENTRATIONS



(57) Abstract: An ultrasonic field-portable system for accurately measuring hematocrit (HCT) and hemoglobin concentration (HGB) in small food samples. The system includes an analyzer (10) that allows extremely accurate measurements of blood hematocrit from only one or two drops of blood collected in a disposable sampling device (12) that is then inserted into the analyzer (10). The system is compact enough to package into a point of care device, making it a point of care device with accuracy comparable to larger CBC lab equipment.

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